

**Report of
Endangered, Threatened, and Special Concern
Plants, Animals, and Natural Communities
for Boone County, Kentucky**

**Kentucky State Nature Preserves
Commission
801 Schenkel Lane
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Kentucky State Nature Preserves Commission

Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

N or blank = none E = endangered T = threatened S = special concern H = historic X = extirpated

USESA: U.S. Fish and Wildlife Service status:

blank = none C = candidate LT = listed as threatened LE = listed as endangered

SOMC = Species of Management Concern

RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled

GU = Unrankable

G2 = Imperiled

G#? = Inexact rank (e.g. G2?)

G3 = Vulnerable

G#Q = Questionable taxonomy

G4 = Apparently secure

G#T# = Intraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)

G5 = Secure

GH = Historic, possibly extinct

GNR = Unranked

GX = Presumed extinct

GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled

SU = Unrankable

Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M):

S2 = Imperiled

S#? = Inexact rank (e.g. G2?)

S3 = Vulnerable

S#Q = Questionable taxonomy

S#B = Rank of breeding population

S4 = Apparently secure

S#T# = Intraspecific taxa

S#N = Rank of non-breeding population

S5 = Secure

SNR = Unranked

S#M = Rank of transient population

SH = Historic, possibly extirpated

SNA = Not applicable

SX = Presumed extirpated

COUNT DATA FIELDS

OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

E - currently reported from the county

H - reported from the county but not seen for at least 20 years

F - reported from county & cannot be relocated but for which further inventory is needed

X - known to have extirpated from the county

U - reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

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County	Taxonomic Group	Scientific name	Common name	Statuses	Ranks	# of Occurrences				
						E	H	F	X	U
Boone	Vascular Plants	<i>Bouteloua curtipendula</i>	Side-oats Grama	S /	G5 / S3?	0	1	0	0	0
Boone	Vascular Plants	<i>Onosmodium hispidissimum</i>	Hairy False Gromwell	E /	G4G5T4 / S1	0	1	0	0	0
Boone	Vascular Plants	<i>Prenanthes crepidinea</i>	Nodding Rattlesnake-root	S /	G4 / S3	1	0	0	0	0
Boone	Vascular Plants	<i>Ranunculus ambigens</i>	Waterplantain Spearwort	S /	G4 / S3	0	1	0	0	0
Boone	Vascular Plants	<i>Trifolium stoloniferum</i>	Running Buffalo Clover	T / LE	G3 / S2S3	7	0	1	1	0
Boone	Aquatic Snails	<i>Leptoxis praerosa</i>	Onyx Rocksnail	S / SOMC	G5 / S3S4	0	1	0	0	0
Boone	Aquatic Snails	<i>Lioplax sulculosa</i>	Furrowed Lioplax	S /	G5 / S3S4	1	0	0	0	0
Boone	Aquatic Snails	<i>Lithasia verrucosa</i>	Varicose Rocksnail	S / SOMC	G4Q / S3S4	0	1	0	0	0
Boone	Freshwater Mussels	<i>Cumberlandia monodonta</i>	Spectaclecase	E / C	G3 / S1	0	0	0	1	0
Boone	Freshwater Mussels	<i>Cyprogenia stegaria</i>	Fanshell	E / LE	G1Q / S1	0	0	0	1	0
Boone	Freshwater Mussels	<i>Epioblasma obliquata obliquata</i>	Catspaw	E / LE	G1T1 / S1	0	0	0	1	0
Boone	Freshwater Mussels	<i>Epioblasma torulosa rangiana</i>	Northern Riffleshell	E / LE	G2T2 / S1	0	0	0	1	0
Boone	Freshwater Mussels	<i>Fusconaia subrotunda</i>	Longsolid	S /	G3 / S3	0	0	0	1	0
Boone	Freshwater Mussels	<i>Lampsilis abrupta</i>	Pink Mucket	E / LE	G2 / S1	0	0	0	2	0
Boone	Freshwater Mussels	<i>Lampsilis ovata</i>	Pocketbook	E /	G5 / S1	0	0	0	1	0
Boone	Freshwater Mussels	<i>Leptodea leptodon</i>	Scaleshell	X / LE	G1G2 / SX	0	0	0	1	0
Boone	Freshwater Mussels	<i>Obovaria retusa</i>	Ring Pink	E / LE	G1 / S1	0	0	0	2	0
Boone	Freshwater Mussels	<i>Plethobasus cooperianus</i>	Orangefoot Pimpleback	E / LE	G1 / S1	0	0	0	1	0
Boone	Freshwater Mussels	<i>Plethobasus cyphus</i>	Sheepnose	E / C	G3 / S1	0	0	0	1	0
Boone	Freshwater Mussels	<i>Pleurobema clava</i>	Clubshell	E / LE	G2 / S1	0	0	0	1	0
Boone	Freshwater Mussels	<i>Pleurobema plenum</i>	Rough Pigtoe	E / LE	G1 / S1	0	0	0	1	0
Boone	Freshwater Mussels	<i>Pleurobema rubrum</i>	Pyramid Pigtoe	E / SOMC	G2G3 / S1	0	0	0	2	0
Boone	Freshwater Mussels	<i>Villosa fabalis</i>	Rayed Bean	X / C	G2 / SX	0	0	0	1	0
Boone	Insects	<i>Dryobius sexnotatus</i>	Sixbanded Longhorn Beetle	T / SOMC	GNR / S1	0	0	1	0	0
Boone	Fishes	<i>Atractosteus spatula</i>	Alligator Gar	E / SOMC	G3G4 / S1	0	1	0	0	0
Boone	Fishes	<i>Ictiobus niger</i>	Black Buffalo	S /	G5 / S3	1	0	0	0	0
Boone	Fishes	<i>Lota lota</i>	Burbot	S /	G5 / S2	0	1	0	0	0
Boone	Amphibians	<i>Cryptobranchus alleganiensis alleganiensis</i>	Eastern Hellbender	S / SOMC	G3G4T3T4 / S3	1	1	0	0	0
Boone	Amphibians	<i>Plethodon cinereus</i>	Redback Salamander	S /	G5 / S3	16	1	0	0	0

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Boone	Amphibians	<i>Rana pipiens</i>	Northern Leopard Frog	S /	G5 / S3	1	3	0	0	0
Boone	Breeding Birds	<i>Aimophila aestivalis</i>	Bachman's Sparrow	E / SOMC	G3 / S1B	0	0	0	1	0
Boone	Breeding Birds	<i>Ammodramus henslowii</i>	Henslow's Sparrow	S / SOMC	G4 / S3B	1	0	0	2	0
Boone	Breeding Birds	<i>Bartramia longicauda</i>	Upland Sandpiper	H /	G5 / SHB	0	1	0	0	0
Boone	Breeding Birds	<i>Falco peregrinus</i>	Peregrine Falcon	E / SOMC	G4 / S1B	1	0	0	0	0
Boone	Breeding Birds	<i>Passerculus sandwichensis</i>	Savannah Sparrow	S /	G5 / S2S3B,S2S3 N	1	0	0	0	0
Boone	Breeding Birds	<i>Pooecetes gramineus</i>	Vesper Sparrow	E /	G5 / S1B	0	0	0	0	1
Boone	Breeding Birds	<i>Riparia riparia</i>	Bank Swallow	S /	G5 / S3B	2	0	0	0	0
Boone	Breeding Birds	<i>Tyto alba</i>	Barn Owl	S /	G5 / S3	3	0	0	0	0
Boone	Communities	<i>Calcareous sub-xeric forest</i>		/	GNR / S5	4	0	0	0	0
Boone	Communities	<i>Riparian forest</i>		/	GNR / S5	1	0	0	0	0
Boone County Total:						41	13	2	22	1